



CONSTRUCTION EQUIPMENT

SW1013505 THRONDORED JCB 506C 1184387 - TRANSMISSION



Sample No: VCP397624
Oil Type: TDTO FLUID SAE 10W
Job No: SW1013505 THRONDORED



SAMPLE INFORMATION

Sample Number	VCP397624	VCP342558	---	---
Sample Date	23 Jun 2023	03 Dec 2021	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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 PHOENIX, AZ
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 39.2	■ 40.2	---	---
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CONTAMINATION

Silicon	ppm	■ 7	■ 7	---	---
Sodium	ppm	■ <1	■ <1	---	---
Potassium	ppm	■ 0	■ 0	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level has decreased, but is still abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 28	■ 58	---	---
Copper	ppm	▲ 387	▲ 554	---	---
Lead	ppm	■ 0	■ 2	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 0	■ 1	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	■ <1	■ <1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 2	■ 3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 3330	■ 2844	---	---
Magnesium	ppm	■ 9	■ 10	---	---
Zinc	ppm	■ 1095	■ 924	---	---
Phosphorus	ppm	■ 868	■ 792	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 0	■ 15	---	---

Depot: VOLVO6174
Unique No: 10538599
Signed: Don Baldrige
Report Date: 04 Jul 2023

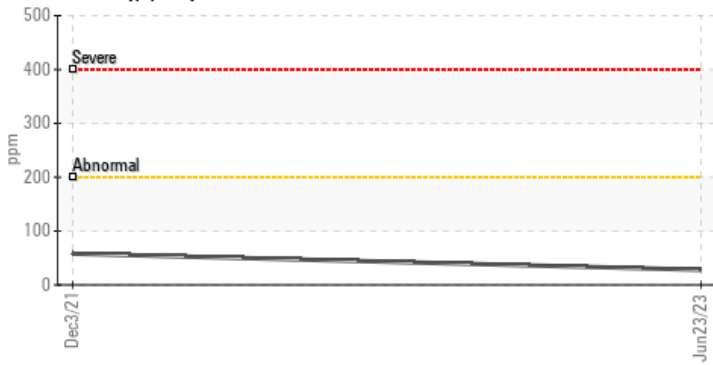


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GRAPHS

Iron (ppm)



Lead (ppm)



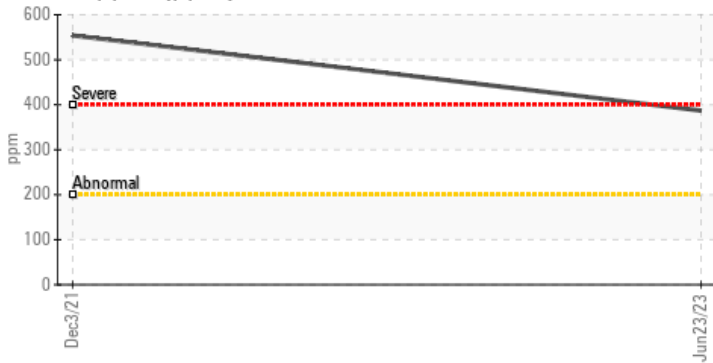
Aluminum (ppm)



Chromium (ppm)



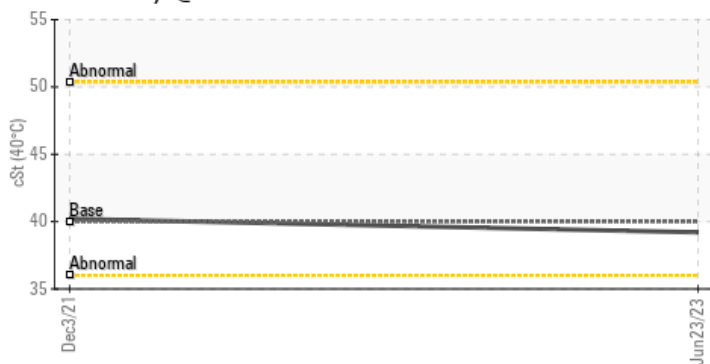
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

